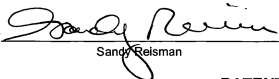


I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as Express Mail No. EV335525007US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: September 25, 2003

By:


Sandy Reisman

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: EDWARD BALASSANIAN ET AL.

APPLICATION No.: 09/304,973

FILED: MAY 4, 1999

FOR: **METHOD AND SYSTEM FOR
GENERATING A MAPPING BETWEEN
TYPES OF DATA**

EXAMINER: ANDREW T. CALDWELL

ART UNIT: 2157

CONF. No: 1456

**Second Supplemental Information Disclosure Statement After First
Office Action but Before Final Action or Notice of Allowance – 37
C.F.R. § 1.97(c)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

The information transmitted herewith is being filed *after* three months of the filing date of this application or after the mailing date of the first Office action on the merits, whichever occurred last, but *before* the mailing date of either a final action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, whichever occurs first. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☒ Copies of the following references are enclosed:

- ☒ All cited references
☐ References marked by asterisks
☐ The following:

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

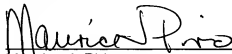
4. **Fee Payment (37 C.F.R. § 1.97(c)) or Certification (37 C.F.R. § 1.97(e))**

- ☐ In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.
- ☒ This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.105(a)(1). In the Examiner's Request for Information dated September 2, 2003, the fee and certification requirements of 37 C.F.R. § 1.97 have been waived.
- ☒ Please charge any underpayment for timely filing of this paper to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,
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Submitting for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)
COMPLETE IF KNOWN

Application Number	09/304,973
Confirmation Number	1456
Filing Date	May 4, 1999
First Named Inventor	Edward Balassanian
Group Art Unit	2151
Examiner Name	
Attorney Docket No.	29451-8004US

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Sheet 1 of 1

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	AA					

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number				
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OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

*EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
	AC	Amir, E. et al., "An Active Service Framework and its Application to Real-time Multimedia Transcoding", Proc. of the SIGCOMM '98, University of California at Berkeley, August 1998, pp. 1-12	✓
	AD	Campbell, A. T. et al., "A Survey of Programmable Networks", ACM SIGCOMM Computer Communication Review, Columbia University, April 1999, 18 pages	✓
	AE	Czerwinski, S. E. et al., "An Architecture for a Secure Service Discovery Service", Fifth Annual International Conference on Mobile Computing and Networks, University of California at Berkeley, August 1999, 12 pages	✓
	AF	Fox, A. et al., "Adapting to Network and Client Variation Using Infrastructural Proxies: Lessons and Perspectives", IEEE Personal Communication, University of California at Berkeley, August 1998, 15 pages	✓
	AG	Fox, A. et al., "Cluster-based Scalable Network Services", Proc. of the 16th ACM Symp. on Operating Systems Principles, University of California at Berkeley, October 1997, 14 pages	✓
	AH	Gribble, S. D. et al., "The MultiSpace: an Evolutionary Platform for Infrastructural Services", Proc. of the 1999 Usenix Annual Technical Conf., University of California at Berkeley, June 1999, 14 pages	✓
	AI	Gribble, S. D. et al., "The Ninja Architecture for Robust Internet-Scale Systems and Services", University of California at Berkeley, http://ninja.cs.berkeley.edu, accessed August 2, 2001, 18 pages	✓
	AJ	Joseph, A. D. et al., "Mobile Computing with the Rover Toolkit", IEEE Transaction on Computers: Special Issue on Mobile Computing, 46(3), Cambridge, MA, March 1997, pp. 1-24	✓
	AJ	Kiciman, E. et al., "Using Dynamic Mediation to Integrate COTS Entities in a Ubiquitous Computing Environment", Proc. of the 2nd Handheld and Ubiquitous Computing Conference (HUC '00), Stanford University, March 2000, 16 pages	✓
	AI	Mallet, A. et al., "Operating System Support for Protocol Boosters", Proc. of HIPPARCH Workshop, Philadelphia, PA, June 1997, pp. 1-11	✓
	AM	Mohan, R. et al., "Adapting Multimedia Internet Content for Universal Access", IEEE Transactions on Multimedia, 1(1):104-114, New York, NY, March 1999, pp. 1-35	✓
	AN	Nakao, A. et al., "Constructing End-to-End Paths for Playing Media Objects", Proc. of the OpenArch '2001, Princeton University, March 2001, 12 pages	✓
	AO	Noble, Brian D., "Mobile Data Access", PhD Thesis, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, 1998, pp. 1-151	✓
	AP	Reiher, P. et al., "Automated Planning for Open Architectures", Proc. of OperArch '2000, Los Angeles, CA, March 2000, 4 pages	✓
	AQ	Sudame, P. et al., "Transformer Tunnels: A Framework for Providing Route-Specific Adaptions", Proc. of the USENIX Technical Conf., Rutgers University, Piscataway, NY, June 1998, 10 pages	✓
	AR	Tennenhouse, D. et al., "Towards an Active Network Architecture", Computer Communications Review, MIT, April 1996, 14 pages	✓
	AS	Wethrall, D. J. et al., "ANTS: A Toolkit for Building and Dynamically Deploying Network Protocols", Proc. of 2nd IEEE OPENARCH, MIT, 1998, pp. 1-12	✓
	AT	Yavis, M. et al., "Conductor: A Framework for Distributed Adaptation", Proc. of the Seventh Workshop on Hot Topics in Operating Systems, UCLA, March 1999, 6 pages	✓

EXAMINER

/Larry Donaghue/ (06/23/2008)

DATE CONSIDERED

06/23/2008

